

1/1 WPAT

Title *Liquid hydrocarbon composition for lubricant basestocks*

Patent Data

Patent Family

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Priority n° 1997US-P062824 19971020; 1998US-0170683 19981013

Covered countries 80

Publications count 22

Abstract

Basic Abstract

WO1999020720 A NOVELTY: Uses paraffinic hydrocarbons with defined amounts and proximity of branching to provide low temperature viscometric properties.

DESCRIPTION: Liquid hydrocarbon composition comprises paraffinic hydrocarbons in which the extent of branching, as measured by the percentage of methyl hydrogens (BI), and the proximity of branching, as measured by the percentage of recurring methylene carbons which are 4 or more removed from an end group or branch (CH<sub>2</sub> more than 4), are such that: (a) BI - 0.5(CH<sub>2</sub> more than 4) is more than 15 and (b) BI + 0.85(CH<sub>2</sub> more than 4) is less than 15. INDEPENDENT CLAIMS are included for: (a) a lubricant basestock composition comprising the paraffinic hydrocarbons; and (b) a lubricating oil composition comprising the paraffinic hydrocarbons and optionally additives selected from antioxidants, antiwear additives, extreme pressure additives, friction modifiers, viscosity index improvers, pour point depressants, detergents, dispersants, corrosion inhibitors, metal deactivators, seal compatibility additives, demulsifiers and/or antifoam additives.

USE: For use in lubricant basestocks and in lubricating oil compositions.

ADVANTAGE: Provides enhanced low temperature viscometric properties.

Patentee, Inventor

Patent assignee (ESSO) EXXON MOBIL OIL CORP (ESSO) EXXONMOBIL OIL CORP (MOBI) MOBIL OIL CORP

Inventor(s) FORBUS TR; JIANG Z; PARTRIDGE RD; SCHRAMM SE; TREWELLA JC; FORBUS T

IPC

C07C-009/16; C10M-000/00; C10M-101/02; C10M-143/08; C10N-020:00; C10N-030:08; C10N-040:25; C10L-001/16; C10L-003/12;  
C07C-009/22; C10G-045/64; C10M-105/04; C10M-127/02; C10N-020/00; C07C-009/00; C10G-045/58; C10M-101/00;  
C10M-105/00; C10M-127/00; C10L-001/10; C10L-003/00; C10M-143/00

Accession Codes

Number 1999-326590 [27]

Sec. No. C1999-096571

Codes

Manual Codes CPI: A12-W02 H07-G06 N01-A01 N01-C02 N02-F N06-B

Derwent Classes A97 E19 H07

**Updates Codes**

**Basic update code** /1999-27

**Equiv. update code**

1999-38; 2000-37; 2000-40; 2000-41; 2000-45; 2001-28; 2001-32; 2001-40; 2001-57; 2001-63; 2001-74; 2002-02; 2002-74;  
2003-09; 2003-24; 2003-27; 2005-30; 2005-74; 2006-48; 2006-80

**Others...**

**API Access. Nbr** API 9923967

**ICAA**

C07C-009/22 [2006-01 A F I B - -]; C10G-045/64 [2006-01 A F I B - -]; C10M-101/02 [2006-01 A F I R - -]; C10M-105/04  
[2006-01 A F I B - -]; C10M-127/02 [2006-01 A F I B - -]; C07C-009/16 [2006-01 A - I R - -]; C07C-009/22 [2006-01 A - I R - -];  
C10G-045/64 [2006-01 A - I R - -]; C10L-001/16 [2006-01 A - I R - -]; C10L-003/12 [2006-01 A - I R - -]; C10M-105/04 [2006-01  
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**ICCA**

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**PCL** 508110000 585013000

**Designated states**

WO9920720 National States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH GM HR HU ID IL  
IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
UA UG UZ VN YU ZW Regional States: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT  
SD SE SZ UG ZW

EP1029029 Regional States: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

**UE4** 2006-07; 2006-12